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Sci - Fuels, bacteria
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Order from OTS or SLA \$1.60

61-19616

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DESCRIPTORS: *Proteins, Chemical analysis, Fractionation, *Periodic variations, Amino acids, *Plants, *Cells (Biology)

(Biological Sciences--Biochemistry, TT, v. 7, no. 6)

61-19616

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*Switching circuits, Trigger circuits, Circuits, Semi-
conductors, Diodes, Delay lines, Magnetic cores,
Printed circuits, Design, Operation, Computer
logic.

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describe the parametron's operation and contains
general recommendations for the use of new switching
elements in computer installations. (Author)

(Mathematics--Computing Devices, TT, v. 8, no. 10)

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- I. Title: Parametron
- I. Vishnevetaskii, A. I.
- II. Sergienko, I. S.
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NIH 8-42

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TT-64-15624

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Office of Technical Services

Dubinin, V. B.
INVESTIGATION OF THE ADAPTATION OF ECTO-
PARASITES. II. ECOLOGICAL ADAPTATIONS OF
FEATHER-MITES AND MALLOPHAGA, tr. by
P. A. Kazakov. [1961] [48]p. 11 refs. [CSIRO Trans.]
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Order from OTS or SLA \$4.60 61-28654

Trans. of Parazitologicheskii Sbornik (USSR) 1947,
v. 9, p. 191-222.

DESCRIPTIONS: *Birds, *Ecology, *Mites, Skin,
*Feathers, *Parasites.

(Biological Sciences--Zoology, TT, v. 7, no. 9)

61-28654

- I. Dubinin, V. B.
- II. CSIRO Trans-5524
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Sci - Biol
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OTS 61-28652

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GEOGRAPHICAL DISTRIBUTION, AND BIOLOGY OF
BLACK-FLIES (SIMULIIDAE) OF EASTERN SIBERIA
Zelda D. Knowles, tr. 13 Mar 52, 34p (refs omitted)
Order from OTS, SLA, or ETC \$3.60 TT-61-28105

Trans. of excerpt from Parazitologicheskii Sbornik
(USSR) 1935, v. 5, p. 183-198.

DESCRIPTORS: *Diptera, Taxonomy, Insects, Ecology,
Siberia.

(Biological Sciences--Zoology, TT, v. 11, no. 6)

TT-61-28105

- I. Title: Simuliidae
- I. Dorogostaiskii, V. Ch.
- II. Rubtsov, I. A.
- III. Vlasenko, N. M.
- IV. National Institutes of
Health, Bethesda, Md.

Office of Technical Services

Bykhovskii, B.E.

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issledovaniya na Barabinskikh ozerakh. I. Parazitofauna ryb)
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In Russian.

Transl. for NLL as RTS 5225. 55p., typescript.

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HEW NIH 2-28-67 (On Loan)

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II.. Ecological Adaptions of Feather-Mites and
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CSIRO 5524

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An Ecological and Faunistic Outline of
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NIH 11-45-61

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21 pp.

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Acad Sci, USSR, Vol IX, 1948, pp 13-38. 9099142

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NIH 11-44-61

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1940, pp 7-44.
CSIRO No 6362

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Apr 64

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PAVLOVSKIOMYIA INSPECTATA GEN. N., SP. N.
(DIPTERA, CALLIPHORIDAE) (Podkozhnyi Parazit
Kabergi-Pavlovskiomya inspectata gen. n., sp. n.
(Diptera, Calliphoridae) tr. by R. Ericson. Jul 60
[6p] (figs refs omitted)
Order from OTS, SLA, or ETC \$1.10 TT-63-23596

Trans. of Parazitologicheski Sbornik (USSR)
1947] v. 9, p. 183-190.

DESCRIPTORS: *Parasites, *Diptera, Morphology,
Mammals.

(Biological Sciences--Zoology, TT, v. 11, no. 5)

TT-63-23596

1. Title: Calliphoridae
1. Grunin, K. Ya.

Office of Technical Services

Dubinin, V. B.
INVESTIGATION OF THE ADAPTATION OF ECTO-
PARASITES. II. ECOLOGICAL ADAPTATIONS OF
FEATHER-MITES AND MALLOPHAGA, tr. by
P. A. Kazakov. [1961] [48]p. 11 refs. [CSIRO Trans.]
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Order from OTS or SLA \$4.60

61-28654

Trans. of Parazitologicheskii Sbornik (USSR) 1947,
v. 9, p. 191-222.

DESCRIPTIONS: *Birds, *Ecology, *Mites, Skin,
*Feathers, *Parasites.

(Biological Sciences--Zoology. TT, v. 7, no. 9)

61-28654

- I. Dubinin, V. B.
- II. CSIRO Trans-5524
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Organization (Australia)

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NIH 10-37-65 (On Loan)

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FEEDING, tr. by P. A. Kazakov. [1961] 35p. 27 refs.
[CSIRO Trans. no.] 5417.
Order from OTS or SLA \$3.60

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Trans. of Parazitologicheskii Sbornik (USSR) 1949,
v. 11, p. 229-245.

DESCRIPTORS: *Lice, *Birds, *Digestive system
*Feeding, Feathers, Blood.

(Biological Sciences--Zoology, TT, v. 7, no. 8)

61-27452

I. Blagoveshchenskii, D. I.
II. CSIRO Trans-5417
III. Commonwealth Scientific
and Industrial Research
Organization (Australia)

201486

Office of Technical Services

Grunin, K. Ya.

FIRST INSTAR LARVAE OF BOTFLIES OF THE
FAMILIES OESTRIDAE AND HYPODERMATIDAE
AND THEIR IMPORTANCE TO DETERMINATION OF
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Trans. of [Parazitologicheskii.Sbornik] (USSR) 1950,
v. 12, p. 225-271. (Abstract available)

DESCRIPTORS: *Diptera, *Parasites, Morphology,
Evolution.

Observation of the morphology of 1st instar larvae of
botflies of the family Oestridae and the family Hypo-
dermatidae confirmed the independent and non-simul-
taneous origination of these families. Moreover there
is no doubt that the genera Cephenomyia and Pharyn-
(Biological Sciences--Zoology, TT, v. 11, no. 2)(over)

TT-63-23598

1. Title: Hypodermatidae
2. Title: Oestridae
1. Grunin, K. Ya.

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Breev, K. A. and Karzeva, Z. F.
MATERIALS ON BIOLOGY OF ORDEMAGENA
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EMBRYONIC DEVELOPMENT AND HABITS OF
FIRST-INSTAR LARVAE, tr. by R. Ericson. Jul 60
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DESCRIPTORS: *Diptera, *Parasites, Morphology,

Development of eggs of the cutaneous bot on the body of
the deer takes about 4 to 5 days. The time of embryonal
development of the bot at a temperature of 22 to 26
degrees lasts about 3 to 5 days, and at a temperature of
13-17 degrees, about 17-18 days. The larvae hatched
from eggs deposited on hairs descend along one of the
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TT-63-23595

- I. Title: Hypodermatidae
- I. Breev, K. A.
- II: Karzeva, Z. F.
- III. Title: Observations ...

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Dubinin, V. B.
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v. 15, p. 252-253 and 275-296.

DESCRIPTORS: Parasitology, *Mites, *Lice,
*Diptera, Rodents, *Parasites, *Fleas

Contents:
Introduction
Material and methods of investigations
Parasitic mites
Lice
Fleas
Blood-sucking diptera
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